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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ratnasamy Muniandy  
Serial No. : Not assigned  
Filed : Herewith  
For : PAVING COMPOSITION

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, DC 20231

**PRELIMINARY AMENDMENT**

Sir:

Please amend the application as follows:

**In the Claims**

Please amend the claims as follows.

5.(amended) A paving composition as claimed in claim 1 in which the aggregate is granite, basalt, quartzite, industrial slag, crushed bottles, crushed concrete, or sand and sludge stones from domestic wastes.

12.(amended) A method of producing a paving layer, which comprises applying a composition according to claim 1 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

Please add the following new claims:

14.(new) A paving composition as claimed in claim 4 in which the aggregate is granite, basalt, quartzite, industrial slag, crushed bottles, crushed concrete, or sand and sludge stones from domestic wastes.

15.(new) A method of producing a paving layer, which comprises applying a composition according to claim 2 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

16.(new) A method of producing a paving layer, which comprises applying a composition according to claim 3 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

17.(new) A method of producing a paving layer, which comprises applying a composition according to claim 4 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

18.(new) A method of producing a paving layer, which comprises applying a composition according to claim 5 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

19.(new) A method of producing a paving layer, which comprises applying a composition according to claim 6 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

20.(new) A method of producing a paving layer, which comprises applying a composition according to claim 7 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

21.(new) A method of producing a paving layer, which comprises applying a composition according to claim 8 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

22)(new) A method of producing a paving layer, which comprises applying a composition according to claim 9 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

23.(new) A method of producing a paving layer, which comprises applying a composition according to claim 10 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

24.(new) A method of producing a paving layer, which comprises applying a composition according to claim 11 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

25.(new) A method of producing a paving layer, which comprises applying a composition according to claim 12 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

26.(new) A method of producing a paving layer, which comprises applying a composition according to claim 14 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

**Remarks**

Applicant has amended the claims to eliminate multiple dependent claims. New claims 14-26 were added to retain the subject matter of the multiple dependent claims as filed. No new matter has been added. A copy of each amended or new claim are attached hereto on separate pages.

Respectfully submitted,



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**xNDD**

### **Amended Claims**

5.(amended) A paving composition as claimed in claim[s] 1 [or 4] in which the aggregate is granite, basalt, quartzite, industrial slag, crushed bottles, crushed concrete, or sand and sludge stones from domestic wastes.

12.(amended) A method of producing a paving layer, which comprises applying a compositions according to [any one of] claim[s] 1 [to 11] to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

### **New Claims**

14.(new) A paving composition as claimed in claim 4 in which the aggregate is granite, basalt, quartzite, industrial slag, crushed bottles, crushed concrete, or sand and sludge stones from domestic wastes.

15.(new) A method of producing a paving layer, which comprises applying a composition according to claim 2 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

16.(new) A method of producing a paving layer, which comprises applying a composition according to claim 3 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

17.(new) A method of producing a paving layer, which comprises applying a composition according to claim 4 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

18.(new) A method of producing a paving layer, which comprises applying a composition according to claim 5 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

19.(new) A method of producing a paving layer, which comprises applying a composition according to claim 6 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

20.(new) A method of producing a paving layer, which comprises applying a composition according to claim 7 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

21.(new) A method of producing a paving layer, which comprises applying a composition according to claim 8 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

22.(new) A method of producing a paving layer, which comprises applying a composition according to claim 9 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

23.(new) A method of producing a paving layer, which comprises applying a composition according to claim 10 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

24.(new) A method of producing a paving layer, which comprises applying a composition according to claim 11 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

25.(new) A method of producing a paving layer, which comprises applying a composition according to claim 12 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

26.(new) A method of producing a paving layer, which comprises applying a composition according to claim 14 to a substrate and curing the asphalt such that the aggregate in the paving layer is bonded together by cured solid asphalt.

Table 1. Demographic characteristics of the study population	
Characteristic	Frequency (%)
Age (years)	
< 18	10 (10.0)
18-24	20 (20.0)
25-34	30 (30.0)
35-44	25 (25.0)
45-54	15 (15.0)
≥ 55	10 (10.0)
Sex	
Male	40 (40.0)
Female	60 (60.0)
Ethnicity	
White	30 (30.0)
Black	20 (20.0)
Hispanic	10 (10.0)
Other	40 (40.0)
Marital status	
Married	30 (30.0)
Single	20 (20.0)
Divorced	10 (10.0)
Widowed	40 (40.0)
Education level	
High school or less	20 (20.0)
Some college	10 (10.0)
Bachelor's degree	30 (30.0)
Master's degree	10 (10.0)
PhD	10 (10.0)
Other	10 (10.0)
Annual income (\$)	
< 10,000	10 (10.0)
10,000-19,999	20 (20.0)
20,000-29,999	10 (10.0)
30,000-39,999	10 (10.0)
40,000-49,999	10 (10.0)
50,000-59,999	10 (10.0)
60,000-69,999	10 (10.0)
70,000-79,999	10 (10.0)
80,000-89,999	10 (10.0)
90,000-99,999	10 (10.0)
≥ 100,000	10 (10.0)